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(FILE 'HOME' ENTERED AT 16:08:34 ON 13 NOV 2002)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH' ENTERED AT 16:09:23 ON 13 NOV 2002

L1 3176 S TRANSGEN?(5A) (UNGULATE OR BOVINE OR COW OR SHEEP OR OVINE OR  
L2 227 S PRION(6A) (DELET? OR DISRUPT? OR KNOCKOUT)  
L3 6 S L1 AND L2  
L4 4 DUP REM L3 (2 DUPLICATES REMOVED)

=> d bib ab 1-4 l4

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AN 2002:793839 CAPLUS  
DN 137:274100  
TI Use of **disrupted** bull and **sheep prion** genes  
to generate **transgenic** cattle resistant to transmissible  
spongiform encephalopathies and Scrapie  
IN Kinast, Guenther; Kinast, Antje  
PA Basilea Pharmaceutica A.-G., Switz.  
SO PCT Int. Appl., 5 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002081737	A2	20021017	WO 2002-EP3657	20020403
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRAI US 2001-281896P P 20010406  
AB The invention comprises genotyping and testing of sperm from bulls and sheep for **disrupted prion** genes and using the so obtained sperm for breeding of BSE and Scrapie resistant cattle and sheep. The described process has the advantage that natural BSE and Scrapie resistant cattle and **sheep** are obtained and **transgenic** knock-out cattle and **sheep** (gene modified animals) are avoided.

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AN 2001:731072 CAPLUS  
DN 135:268201  
TI **Prion-free transgenic ungulates** bearing a  
**deletion** or **disruption** of the **prion** gene and  
not susceptible to prion-related diseases and their use  
IN Cibelli, Jose; Good, Deborah J.  
PA University of Massachusetts, USA  
SO PCT Int. Appl., 77 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001073107	A1	20011004	WO 2001-US9572	20010326
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,			

HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,  
 LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,  
 RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN,  
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 2000-191772P P 20000324

AB **Transgenic** and cloned **ungulates** and particularly  
 cloned cattle are disclosed, wherein such cattle contain a  
**deletion** or **disruption** of the endogenous **prion**  
 gene locus and do not express functional prion protein, and are not  
 susceptible to prion-related diseases such as bovine spongiform  
 encephalopathy or Mad Cow Disease. The deletions are engineered by  
 homologously recombining a heterologous DNA into the prion gene locus such  
 that all or part of the protein codon region is replaced or deleted. The  
 ungulates of the present invention may in addn. have a heterologous  
 transgene which is extraneous to the prion locus for the purpose of  
 producing therapeutic recombinant proteins, facilitating  
 xenotransplantation of tissue and studying prion-based diseases.  
 RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 4 MEDLINE DUPLICATE 1

AN 2001180418 MEDLINE

DN 21082883 PubMed ID: 11214913

TI Transgenic models of prion disease.

AU Scott M R; Supattapone S; Nguyen H O; DeArmond S J; Prusiner S B

CS Institute for Neurodegenerative Diseases, Department of Neurology,  
 University of California, San Francisco 94143-0518, USA.

NC AG02132 (NIA)

AG08967 (NIA)

NS14069 (NINDS)

+

SO ARCHIVES OF VIROLOGY. SUPPLEMENTUM, (2000) (16) 113-24. Ref: 39  
 Journal code: 9214275. ISSN: 0939-1983.

CY Austria

DT Journal; Article; (JOURNAL ARTICLE)

General Review; (REVIEW)

(REVIEW, TUTORIAL)

LA English

FS Priority Journals

EM 200103

ED Entered STN: 20010404

Last Updated on STN: 20010404

Entered Medline: 20010329

AB There is growing concern that bovine spongiform encephalopathy (BSE) may  
 have passed from cattle to humans, resulting in approximately 70 cases of  
 an atypical, variant CJD (vCJD) in teenagers and young adults. We report  
 here that **transgenic** (Tg) mice expressing full-length  
**bovine** (Bo) PrP serially propagate BSE prions and that there is no  
 species barrier for transmission from cattle to Tg(BoPrP) mice.  
 Surprisingly, these same mice were also highly susceptible to vCJD and  
 natural sheep scrapie. The incubation times (approximately 250 d),  
 neuropathology, and PrP(Sc) isoforms in Tg(BoPrP) mice inoculated with  
 vCJD and BSE brain extracts were indistinguishable and differed  
 dramatically from those seen in these mice injected with natural scrapie.  
 In efforts to identify PrP sequences required for prion formation, we  
 found that a redacted prion protein of only 106 amino acids (PrP106)  
 containing two large **deletions** supported **prion**  
 propagation. In Tg(PrP106) mice, an artificial transmission barrier for  
 the passage of full-length mouse prions was diminished by the coexpression  
 of full-length wt MoPrP(C), suggesting that wt MoPrP acts in trans to  
 accelerate the replication of "miniprions" containing PrP(Sc)106.

Following a single passage (approximately 300 d) in Tg(PrP106) mice, the miniprions efficiently transmitted disease to Tg(PrP106) mice after only approximately 66 days. Our findings with Tg(BoPrP) mice provide compelling evidence that prions from cattle with BSE have infected humans and caused fatal neurodegeneration, the unique features of miniprions offer new insights into the mechanism of prion replication, and the trans-acting effects of full-length PrP coexpression suggest a new approach to the development of even more efficient animal models for prion diseases.

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS

AN 1997:224103 CAPLUS

DN 126:209283

TI Transgenic and **knockout** mice with altered patterns of **prion** protein gene expression and synthetic genes for prion proteins and their analytical and diagnostic uses

IN Prusiner, Stanley B.; Scott, Michael R.; Telling, Glenn

PA Regents of the University of California, USA

SO PCT Int. Appl., 117 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 10

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9704814	A1	19970213	WO 1996-US12510	19960730
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA				
	US 5763740	A	19980609	US 1995-509261	19950731
	US 5908969	A	19990601	US 1995-521992	19950831
	AU 9666427	A1	19970226	AU 1996-66427	19960730
	AU 710963	B2	19990930		
	EP 868201	A1	19981007	EP 1996-926192	19960730
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	BR 9609969	A	19990112	BR 1996-9969	19960730
	JP 11510496	T2	19990914	JP 1996-507865	19960730
PRAI	US 1995-509261	A	19950731		
	US 1995-521992	A	19950831		
	US 1994-242188	A2	19940513		
	WO 1996-US12510	W	19960730		

AB Synthetic genes for prion proteins are used to construct transgenic and knockout mice that can be used to assay the pathol. form of the prion protein in biol. samples such as prepns. of human growth hormone from cadavers. The development of symptoms after injecting test animals with the protein is used to indicate the presence and titer of prion protein in a sample. Synthetic genes for prion proteins from a no. of species are described for use in detection of proteins from a no. of animal sources. The development and characterization of the mouse bioassay is described.

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FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH' ENTERED AT 16:09:23 ON 13 NOV 2002

L1 3176 S TRANSGEN? (5A) (UNGULATE OR BOVINE OR COW OR SHEEP OR OVINE OR  
L2 227 S PRION (6A) (DELET? OR DISRUPT? OR KNOCKOUT)  
L3 6 S L1 AND L2  
L4 4 DUP REM L3 (2 DUPLICATES REMOVED)  
L5 18189 S PRION  
L6 72 S L1 AND L5  
L7 34 DUP REM L6 (38 DUPLICATES REMOVED)

=> d au ti so 1-34 l7

L7 ANSWER 1 OF 34 CAPLUS COPYRIGHT 2002 ACS  
IN Kinast, Guenther; Kinast, Antje  
TI Use of disrupted bull and **sheep prion** genes to  
generate **transgenic** cattle resistant to transmissible spongiform  
encephalopathies and Scrapie  
SO PCT Int. Appl., 5 pp.  
CODEN: PIXXD2

L7 ANSWER 2 OF 34 CAPLUS COPYRIGHT 2002 ACS  
IN Dunne, Patrick W.; Piedrahita, Jorge  
TI Preparation of transmissible spongiform encephalopathy resistant bovine  
and cervid animals by modifying PrP gene  
SO PCT Int. Appl., 98 pp.  
CODEN: PIXXD2

L7 ANSWER 3 OF 34 CAPLUS COPYRIGHT 2002 ACS  
IN Robl, James M.; Goldsby, Richard A.; Ferguson, Stacy E.; Kuroiwa, Yoshimi;  
Tomizuka, Kazuma; Ishida, Isao  
TI Expression of xenogenous human immunoglobulins in **transgenic**  
**ungulates** for therapeutic, diagnostic and purification purposes  
SO PCT Int. Appl., 132 pp.  
CODEN: PIXXD2

L7 ANSWER 4 OF 34 MEDLINE DUPLICATE 1  
AU Essalmani Rachid; Taourit Sead; Besnard Nathalie; Vilotte Jean Luc  
TI Sequence determination and expression of the **ovine**  
doppel-encoding gene in **transgenic** mice.  
SO GENE, (2002 Feb 20) 285 (1-2) 287-90.  
Journal code: 7706761. ISSN: 0378-1119.

L7 ANSWER 5 OF 34 MEDLINE DUPLICATE 2  
AU Laude Hubert; Vilette Didier; Le Dur Annick; Archer Fabienne; Soulier  
Solange; Besnard Nathalie; Essalmani Rachid; Vilotte Jean-Luc  
TI New in vivo and ex vivo models for the experimental study of sheep  
scrapie: development and perspectives.  
SO COMPTES RENDUS DE L ACADEMIE DES SCIENCES. SERIE III, SCIENCES DE LA VIE,  
(2002 Jan) 325 (1) 49-57. Ref: 58  
Journal code: 8503078. ISSN: 0764-4469.

L7 ANSWER 6 OF 34 CAPLUS COPYRIGHT 2002 ACS  
IN Cibelli, Jose; Good, Deborah J.  
TI **Prion-free transgenic ungulates** bearing a  
deletion or disruption of the **prion** gene and not susceptible to  
**prion**-related diseases and their use  
SO PCT Int. Appl., 77 pp.  
CODEN: PIXXD2

- L7 ANSWER 7 OF 34 MEDLINE DUPLICATE 3  
 AU Vilotte J L; Soulier S; Essalmani R; Stinnakre M G; Vaiman D; Lepourry L;  
 Da Silva J C; Besnard N; Dawson M; Buschmann A; Groschup M; Petit S;  
 Madelaine M F; Rakatobe S; Le Dur A; Vilette D; Laude H  
 TI Markedly increased susceptibility to natural **sheep** scrapie of  
**transgenic** mice expressing **ovine** prp.  
 SO JOURNAL OF VIROLOGY, (2001 Jul) 75 (13) 5977-84.  
 Journal code: 0113724. ISSN: 0022-538X.
- L7 ANSWER 8 OF 34 MEDLINE DUPLICATE 4  
 AU Crozet C; Flamant F; Bencsik A; Aubert D; Samarut J; Baron T  
 TI Efficient transmission of two different **sheep** scrapie isolates  
 in **transgenic** mice expressing the **ovine** PrP gene.  
 SO JOURNAL OF VIROLOGY, (2001 Jun) 75 (11) 5328-34.  
 Journal code: 0113724. ISSN: 0022-538X.
- L7 ANSWER 9 OF 34 MEDLINE DUPLICATE 5  
 AU Vilette D; Andreoletti O; Archer F; Madelaine M F; Vilotte J L; Lehmann S;  
 Laude H  
 TI Ex vivo propagation of infectious sheep scrapie agent in heterologous  
 epithelial cells expressing ovine **prion** protein.  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
 AMERICA, (2001 Mar 27) 98 (7) 4055-9.  
 Journal code: 7505876. ISSN: 0027-8424.
- L7 ANSWER 10 OF 34 MEDLINE DUPLICATE 6  
 AU Crozet C; Bencsik A; Flamant F; Lezmi S; Samarut J; Baron T  
 TI Florid plaques in **ovine** PrP **transgenic** mice infected  
 with an experimental **ovine** BSE.  
 SO EMBO Rep, (2001 Oct) 2 (10) 952-6.  
 Journal code: 100963049. ISSN: 1469-221X.
- L7 ANSWER 11 OF 34 CAPLUS COPYRIGHT 2002 ACS  
 IN Prusiner, Stanley B.; Safar, Jiri G.  
 TI Viable PrP (**prion** protein) transgenic animals resistant to  
**prion** infection  
 SO PCT Int. Appl., 47 pp.  
 CODEN: PIXXD2
- L7 ANSWER 12 OF 34 CAPLUS COPYRIGHT 2002 ACS  
 IN Prusiner, Stanley B.  
 TI **Prion** protein standard and method of making same  
 SO U.S., 17 pp., Cont.-in-part of U.S. Ser. No. 935,363.  
 CODEN: USXXAM
- L7 ANSWER 13 OF 34 MEDLINE DUPLICATE 7  
 AU Lemaire-Vieille C; Schulze T; Podevin-Dimster V; Follet J; Bailly Y;  
 Blanquet-Grossard F; Decavel J P; Heinen E; Cesbron J Y  
 TI Epithelial and endothelial expression of the green fluorescent protein  
 reporter gene under the control of bovine **prion** protein (PrP)  
 gene regulatory sequences in transgenic mice.  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
 AMERICA, (2000 May 9) 97 (10) 5422-7.  
 Journal code: 7505876. ISSN: 0027-8424.
- L7 ANSWER 14 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 AU Crozet, C. (1); Flamant, F.; Bencsik, A. (1); Aubert, D.; Madec, J. Y.  
 (1); Samarut, J.; Baron, Th. (1)  
 TI Scrapie infection of **transgenic** mice expressing **sheep**  
 PrP protein.  
 SO European Journal of Neuroscience, (2000) Vol. 12, No. Supplement 11, pp.  
 219. print.  
 Meeting Info.: Meeting of the Federation of European Neuroscience  
 Societies Brighton, UK June 24-28, 2000

ISSN: 0953-816X.

- L7 ANSWER 15 OF 34 SCISEARCH COPYRIGHT 2002 ISI (R)  
AU Onions D (Reprint); Cooper D K C; Alexander T J L; Brown C; Claassen E;  
Foweraker J E; Harris D L; Mahy B W J; Minor P D; Osterhaus A D M E;  
Pastoret P P; Yamanouchi K  
TI An approach to the control of disease transmission in pig-to-human  
xenotransplantation  
SO XENOTRANSPLANTATION, (MAY 2000) Vol. 7, No. 2, pp. 143-155.  
Publisher: MUNKSGAARD INT PUBL LTD, 35 NORRE SOGADE, PO BOX 2148, DK-1016  
COPENHAGEN, DENMARK.  
ISSN: 0908-665X.
- L7 ANSWER 16 OF 34 MEDLINE DUPLICATE 8  
AU Scott M R; Supattapone S; Nguyen H O; DeArmond S J; Prusiner S B  
TI Transgenic models of **prion** disease.  
SO ARCHIVES OF VIROLOGY. SUPPLEMENTUM, (2000) (16) 113-24. Ref: 39  
Journal code: 9214275. ISSN: 0939-1983.
- L7 ANSWER 17 OF 34 MEDLINE DUPLICATE 9  
AU Buschmann A; Pfaff E; Reifenberg K; Muller H M; Groschup M H  
TI Detection of cattle-derived BSE **prions** using **transgenic**  
mice overexpressing **bovine** PrP(C).  
SO ARCHIVES OF VIROLOGY. SUPPLEMENTUM, (2000) (16) 75-86. Ref: 17  
Journal code: 9214275. ISSN: 0939-1983.
- L7 ANSWER 18 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
AU Vilette, D. (1); Madelaine, M. F.; Laude, H.  
TI Establishment of astrocyte cell lines from sheep genetically susceptible  
to scrapie.  
SO In Vitro Cellular & Developmental Biology Animal, (Jan., 2000) Vol. 36,  
No. 1, pp. 45-49. print.  
ISSN: 1071-2690.
- L7 ANSWER 19 OF 34 CAPLUS COPYRIGHT 2002 ACS  
IN Prusiner, Stanley B.; Scott, Michael R.; Telling, Glenn C.  
TI Use of transgenic animals, contg. an exogenous PrP, for detection of  
infectious **prions** in samples obtained from cow, sheep or pig  
SO PCT Int. Appl., 40 pp.  
CODEN: PIXXD2
- L7 ANSWER 20 OF 34 CAPLUS COPYRIGHT 2002 ACS  
IN Prusiner, Stanley B.; Scott, Michael R.; Telling, Glenn C.  
TI Detecting cow, sheep and human **prions** in a sample using  
transgenic mice which are susceptible to infection with **prions**  
SO U.S., 16 pp., Cont.-in-part of U.S. 5,792,901.  
CODEN: USXXAM
- L7 ANSWER 21 OF 34 MEDLINE DUPLICATE 10  
AU Scott M R; Will R; Ironside J; Nguyen H O; Tremblay P; DeArmond S J;  
Prusiner S B  
TI Compelling **transgenetic** evidence for transmission of  
**bovine** spongiform encephalopathy **prions** to humans.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, (1999 Dec 21) 96 (26) 15137-42.  
Journal code: 7505876. ISSN: 0027-8424.
- L7 ANSWER 22 OF 34 MEDLINE DUPLICATE 11  
AU Jenkins E S; Combes R D  
TI The welfare problems associated with using **transgenic** mice to  
bioassay for **bovine** spongiform encephalopathy.  
SO Anim Welf, (1999) 8 (4) 421-31.  
Journal code: 9214272. ISSN: 0962-7286.  
Report No.: KIE-101964; NRCBL-Special Issue.

L7 ANSWER 23 OF 34 CAPLUS COPYRIGHT 2002 ACS  
 IN Prusiner, Stanley B.; Cohen, Fred E.; James, Thomas L.; Kaneko, Kiyotoshi  
 TI **Prion** protein modulator factor (PPMF), pharmacophores, and  
**prion** resistant animals  
 SO PCT Int. Appl., 93 pp.  
 CODEN: PIXXD2

L7 ANSWER 24 OF 34 CAPLUS COPYRIGHT 2002 ACS  
 IN Prusiner, Stanley B.; Scott, Michael R.; Telling, Glenn C.  
 TI Transgenic mice for standardizing **prion** preparation and  
 detecting **prions** in a sample from genetically diverse mammals  
 SO U.S., 37 pp., Cont.-in-part of U. S. 521,992.  
 CODEN: USXXAM

L7 ANSWER 25 OF 34 SCISEARCH COPYRIGHT 2002 ISI (R)  
 AU Hammer C (Reprint); Linke R; Wagner F; Diefenbeck M  
 TI Organs from animals for man  
 SO INTERNATIONAL ARCHIVES OF ALLERGY AND IMMUNOLOGY, (MAY 1998) Vol. 116, No.  
 1, pp. 5-21.  
 Publisher: KARGER, ALLSCHWILERSTRASSE 10, CH-4009 BASEL, SWITZERLAND.  
 ISSN: 1018-2438.

L7 ANSWER 26 OF 34 CAPLUS COPYRIGHT 2002 ACS  
 IN Prusiner, Stanley B.; Scott, Michael R.; Telling, Glenn  
 TI Transgenic and knockout mice with altered patterns of **prion**  
 protein gene expression and synthetic genes for **prion** proteins  
 and their analytical and diagnostic uses  
 SO PCT Int. Appl., 117 pp.  
 CODEN: PIXXD2

L7 ANSWER 27 OF 34 MEDLINE DUPLICATE 12  
 AU Scott M R; Safar J; Telling G; Nguyen O; Groth D; Torchia M; Koehler R;  
 Tremblay P; Walther D; Cohen F E; DeArmond S J; Prusiner S B  
 TI Identification of a **prion** protein epitope modulating  
 transmission of **bovine** spongiform encephalopathy **prions**  
 to **transgenic** mice.  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
 AMERICA, (1997 Dec 23) 94 (26) 14279-84.  
 Journal code: 7505876. ISSN: 0027-8424.

L7 ANSWER 28 OF 34 MEDLINE DUPLICATE 13  
 AU Gabizon R; Taraboulos A  
 TI Of mice and (mad) **cows**--**transgenic** mice help to  
 understand **prions**.  
 SO TRENDS IN GENETICS, (1997 Jul) 13 (7) 264-9. Ref: 54  
 Journal code: 8507085. ISSN: 0168-9525.

L7 ANSWER 29 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 AU Buschmann, A. (1); Pfaff, E. (1); Mueller, H. (1); Reifenberg, K.;  
 Groschup, M. H. (1)  
 TI Generation of **transgenic** mice expressing the **bovine**  
**prion** protein (PrP).  
 SO Journal of Molecular Medicine (Berlin), (1997) Vol. 75, No. 7, pp.  
 B176-B177.  
 Meeting Info.: XIX Symposium of the International Association for  
 Comparative Research on Leukemia and Related Diseases Heidelberg, Germany  
 July 13-18, 1997  
 ISSN: 0946-2716.

L7 ANSWER 30 OF 34 MEDLINE  
 AU Hope J  
 TI Mice and beef and brain diseases.  
 SO NATURE, (1995 Dec 21-28) 378 (6559) 761-2.

Journal code: 0410462. ISSN: 0028-0836.

L7 ANSWER 31 OF 34 CAPLUS COPYRIGHT 2002 ACS  
IN Prusiner, Stanley B.; Scott, Michael R.; Telling, Glenn  
TI Transgenic animals containing chimeric PrP gene for detecting pathogenic  
prions in a sample  
SO PCT Int. Appl., 54 PP.  
CODEN: PIXXD2

L7 ANSWER 32 OF 34 CAPLUS COPYRIGHT 2002 ACS  
AU Collinge, John; Palmer, Mark S.; Sidle, Katie C. L.; Hill, Andrew F.;  
Gowland, Ian; Meads, Julie; Asante, Emmanuel; Bradley, Ray; Doey, Lawrence  
J.; Lantos, Peter L.  
TI Unaltered susceptibility to BSE in transgenic mice expressing human  
prion protein  
SO Nature (London) (1995), 378(6559), 779-83  
CODEN: NATUAS; ISSN: 0028-0836

L7 ANSWER 33 OF 34 MEDLINE DUPLICATE 14  
AU Westaway D; DeArmond S J; Cayetano-Canlas J; Groth D; Foster D; Yang S L;  
Torchia M; Carlson G A; Prusiner G B  
TI Degeneration of skeletal muscle, peripheral nerves, and the central  
nervous system in transgenic mice overexpressing wild-type prion  
proteins.  
SO CELL, (1994 Jan 14) 76 (1) 117-29.  
Journal code: 0413066. ISSN: 0092-8674.

L7 ANSWER 34 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
AU DREYFUS J-C  
TI PRIONS OR NO PRIONS TRANSGENIC MICE AND MAD  
COWS.  
SO M/S (Med. Sci.), (1990) 6 (3), 311.  
CODEN: MSMSE4.

=> d bib 19 20 17

L7 ANSWER 19 OF 34 CAPLUS COPYRIGHT 2002 ACS  
AN 1999:223025 CAPLUS  
DN 130:265955  
TI Use of transgenic animals, contg. an exogenous PrP, for detection of  
infectious prions in samples obtained from cow, sheep or pig  
IN Prusiner, Stanley B.; Scott, Michael R.; Telling, Glenn C.  
PA The Regents of the University of California, USA  
SO PCT Int. Appl., 40 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 10

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9915640	A1	19990401	WO 1998-US17879	19980828
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6008435	A	19991228	US 1997-935363	19970922
CA 2302836	AA	19990401	CA 1998-2302836	19980828
AU 9892953	A1	19990412	AU 1998-92953	19980828
EP 1017795	A1	20000712	EP 1998-945791	19980828



R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI  
 JP 2001517775 T2 20011009 JP 2000-512933 19980828  
 PRAI US 1997-935363 A 19970922  
 US 1994-242188 A2 19940513  
 US 1995-509261 A2 19950731  
 US 1995-521992 A2 19950831  
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RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
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L7 ANSWER 20 OF 34 CAPLUS COPYRIGHT 2002 ACS  
 AN 1999:818965 CAPLUS  
 DN 132:31782  
 TI Detecting cow, sheep and human **prions** in a sample using  
 transgenic mice which are susceptible to infection with **prions**  
 IN Prusiner, Stanley B.; Scott, Michael R.; Telling, Glenn C.  
 PA The Regents of the University of California, USA  
 SO U.S., 16 pp., Cont.-in-part of U.S. 5,792,901.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 10

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6008435	A	19991228	US 1997-935363	19970922
	US 5565186	A	19961015	US 1994-242188	19940513
	US 5763740	A	19980609	US 1995-509261	19950731
	US 5908969	A	19990601	US 1995-521992	19950831
	US 5792901	A	19980811	US 1996-692892	19960730
	CA 2302836	AA	19990401	CA 1998-2302836	19980828
	WO 9915640	A1	19990401	WO 1998-US17879	19980828
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,				
	DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,				
	KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,				
	NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,				
	UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,				
	FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,				
	CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9892953	A1	19990412	AU 1998-92953	19980828
	EP 1017795	A1	20000712	EP 1998-945791	19980828
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	JP 2001517775	T2	20011009	JP 2000-512933	19980828
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PRAI	US 1994-242188	A2	19940513		
	US 1995-509261	A2	19950731		
	US 1995-521992	A2	19950831		
	US 1996-692892	A2	19960730		
	US 1997-935363	A	19970922		
	WO 1998-US17879	W	19980828		

RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L7 ANSWER 6 OF 34 CAPLUS COPYRIGHT 2002 ACS  
 AN 2001:731072 CAPLUS  
 DN 135:268201  
 TI **Prion-free transgenic ungulates** bearing a  
 deletion or disruption of the **prion** gene and not susceptible to  
**prion**-related diseases and their use  
 IN Cibelli, Jose; Good, Deborah J.

PA University of Massachusetts, USA  
SO PCT Int. Appl., 77 pp.  
CODEN: PIXXD2

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001073107	A1	20011004	WO 2001-US9572	20010326
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRAI US 2000-191772P P 20000324

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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